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ABSTRACT

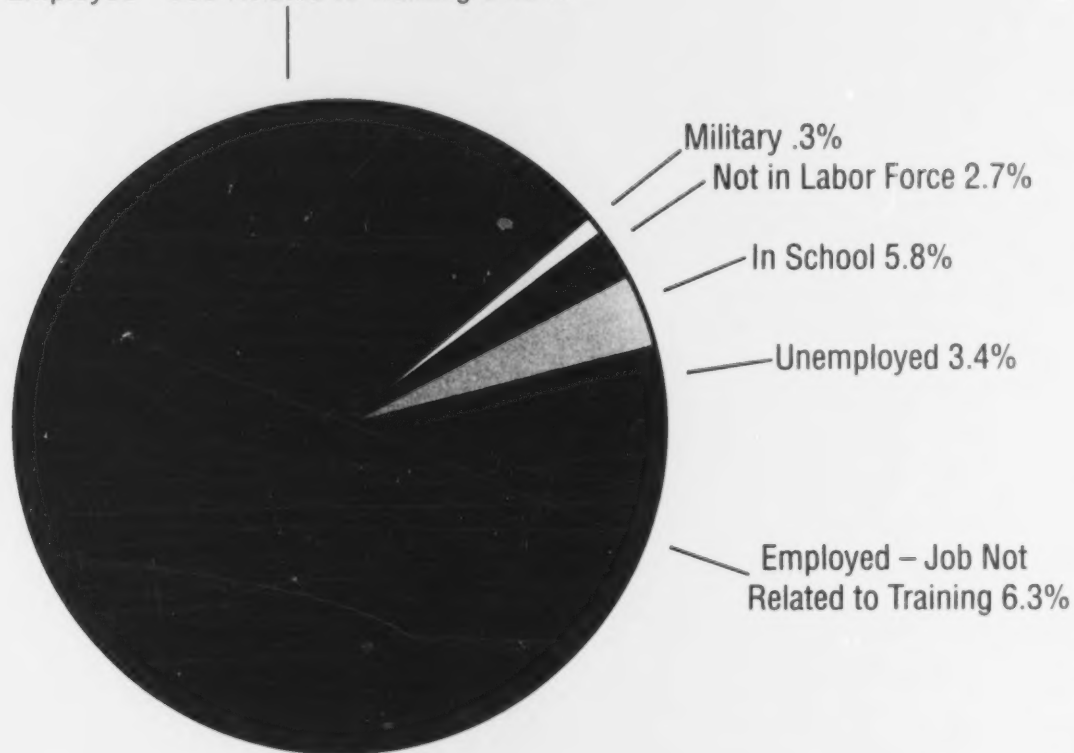
Each year, the Office of Institutional Research at Johnson County Community College (JCCC) conducts follow-up studies of: (1) students who completed a JCCC career program during the previous academic year; and (2) employers of completers who are working in jobs related to their JCCC course of study. In fall 1990, surveys were sent to 501 former students who had earned degrees and certificates, or who had left the program with marketable skills. Of these, 411 returned usable surveys for an 82% response rate. Respondents working in jobs related to their JCCC course of study were identified and a total of 231 employers were surveyed. A total of 179 completed employer surveys were returned for a 77.5% response rate. Study results included the following: (1) 82% of the program completers were employed in careers related to their course of study, earning an average of \$10.67 per hour; (2) 8 out of 10 program completers employed in jobs related to their course of study expressed satisfaction with their jobs; (3) 98% reported that they had achieved their JCCC educational objectives, and 96% would recommend the college to their friends; (4) when asked to rate aspects of the college, a greater percent expressed satisfaction with JCCC than with a four-year college they had attended, particularly in the areas of quality of instruction, and helpfulness and individual attention of faculty; (5) 27% were continuing their education; and (6) over 90% of the employers rated completers' overall job preparation as "very good" or "good." Data tables and the survey instruments and cover letters are included. (PAA)

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ED336165

Career Student Follow-Up: Class of 1989-90

Employed – Job Related to Training 81.5%



Johnson County Community College
Office of Institutional Research
August 1991

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JC 910 443

CAREER STUDENT FOLLOW-UP:
CLASS OF 1989-90

Each year the Office of Institutional Research at Johnson County Community College conducts follow-up studies of students who completed a JCCC career program during the previous academic year, and of the employers of completers who are working in jobs related to their JCCC course of study. Results of these studies provide valuable insights into the effectiveness of career programs and assist the College in planning to meet the individual needs of future students and the employment needs of business and industry.

Methodology

A list of 554 JCCC career program completers* was developed by combining students earning degrees and certificates with those leaving the program with marketable skills. Completers leaving with marketable skills were identified by career program administrators in a program verification process conducted during the fall 1989 and spring 1990 semesters. Surveys and cover letters were mailed in November and December of 1990. Efforts were made to contact nonrespondents by telephone in January of 1991, and additional information secured through telephone contact with acquaintances of former students was utilized for a third mailing conducted in mid-January. The assistance of career program administrators was enlisted throughout the spring semester to locate as many remaining nonrespondents as possible.

A total of 69 former students were eliminated due to obsolete addresses or erroneous completer records, reducing the list of potential respondents to 501. Of those, 411 completed surveys for an adjusted response rate of 82.0 percent.

Respondents working in jobs related to their JCCC course of study identified a total of 231 employers who were subsequently surveyed by mail. The initial mailing and one follow-up mailing to nonrespondents resulted in 179 completed employer surveys (77.5%).

Results and Conclusions

JCCC career program completers fare very well after leaving the College. Annual follow-up studies of career program completers have consistently found about four out of five respondents employed in jobs related to their JCCC career preparation. This year nearly 82 percent of respondents were employed in related jobs, the greatest percentage of JCCC completers ever found to be working in jobs related to their JCCC course of study (see Table 2). Additionally, the average hourly wage of respondents employed full-time in related jobs has increased year after year to a high of \$10.67 for 1989-90 career program completers (see Tables 4 and 8).

Eight out of ten respondents employed in jobs related to their JCCC course of study expressed satisfaction with their jobs, especially the working conditions and level of responsibility (see Tables 10 to 15).

* The career program completer list excludes those incarcerated at the U.S. Army Disciplinary Barracks at Fort Leavenworth, Kansas.

Respondent satisfaction with JCCC continues to be outstandingly high. Fully 98 percent had achieved their JCCC educational objective (see Table 17). If starting now, nine out of ten respondents would attend JCCC again, and nearly 96 percent would recommend JCCC to friends. Approximately 93 percent indicated JCCC had improved the quality of life for them, and over 86 percent would encourage their own children to attend JCCC (see Table 18).

The majority of respondents indicated JCCC had helped them to improve a variety of cognitive and noncognitive skills including oral and written communications, decision making, time management, knowledge of the arts and sciences, and tolerance for people and ideas (see Table 19).

When asked to rate various aspects of college, a greater percent expressed satisfaction with JCCC than a four-year college or university attended, particularly in the areas of quality of instruction, helpfulness and individual attention of faculty, usefulness and relevance of coursework, the registration process, and facilities and equipment (see Tables 20 to 29).

Evidence of lifetime learning patterns continue to abound in JCCC survey results. Although approximately nine out of ten respondents to the follow-up of 1989-90 JCCC career program completers had either graduated or earned a certificate, fully 27 percent were currently enrolled. Of those, nearly half were attending JCCC (see Table 30). At least three out of four respondents eventually intended to continue their education. Half planned to enroll again within the next year and, of those, 49 percent planned to re-enroll at JCCC (see Tables 30 and 31).

Employer evaluations of various aspects of job performance have remained very positive over time, and this year was no exception. Over 90 percent of respondents to the 1991 employer survey rated completers' overall job preparation as "very good" or "good" (see Tables 33 to 38). Employer comments pertaining to the perceived strengths and weaknesses of the JCCC career programs have provided guidance to career program administrators in their continual quest to assure a curriculum which most effectively meets current workforce needs. The list of employers resulting from these studies has also been utilized by the College's Career Center for job development, and by the Business and Industry Institute for promotion of customized training opportunities.

Thus, these findings indicate that the College's career programs are highly effective and that this important component of JCCC's mission is being accomplished very successfully. A list of tables is provided to facilitate location of specific data, and findings are presented by career program as often as possible to enhance the usefulness of results. Caution should be exercised in generalizing these data due to the relatively small number of respondents in some programs. Findings are not necessarily representative of either the number of students enrolled in each program or the salaries of all career program completers.

Comments or questions regarding this report or previous follow-up studies may be directed to:

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SECTION ONE

RESULTS OF FOLLOW-UP STUDY OF
1989-90 JCCC CAREER PROGRAM COMPLETERS

Table 1
DEMOGRAPHIC PROFILE

	Number of Responses	Percent
<u>Sex</u>		
Male	146	35.5%
Female	264	64.2
Unknown	1	.3
<u>Age</u>		
17 to 20 years old	10	2.4%
21 to 25	113	27.5
26 to 30	97	23.6
31 to 35	72	17.5
36 to 40	53	12.9
41 to 50	41	10.0
Over 50	11	2.7
Unknown	14	3.4
Mean = 31.1 years		
Median = 29.2 years		
<u>Race</u>		
White	376	91.5%
Black	13	3.2
Indian or Alaskan	11	2.7
Asian or Pacific	6	1.5
Hispanic	3	.7
Unknown	2	.4
<u>Marital Status</u>		
Never married	141	34.3%
Currently married	193	47.0
Previously married	52	12.7
Unknown	25	6.0
<u>Family Income</u>		
Under \$ 20,000	87	21.2%
\$20,001 to 40,000	163	39.7
40,001 to 60,000	82	20.0
60,001 to 80,000	33	8.0
80,001 to 100,000	13	3.2
Over 100,000	10	2.4
Unknown	23	5.5

Table 2
CURRENT STATUS
- BY PROGRAM -

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military /Unknown
Accounting	4	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%
Administration of Justice	2	50.0	50.0	0.0	0.0	0.0	0.0
Automotive Technology	7	71.4	14.3	14.3	0.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0	0.0	0.0	0.0
Biomedical Equipment	6	66.7	0.0	0.0	33.3	0.0	0.0
Business Administration	18	83.3	0.0	11.1	5.6	0.0	0.0
Chef Apprentice	7	100.0	0.0	0.0	0.0	0.0	0.0
Commercial Art	16	68.8	12.5	12.5	6.2	0.0	0.0
Computer Systems Tech.	9	77.8	0.0	22.2	0.0	0.0	0.0
Data Processing	42	83.3	4.8	4.8	4.8	2.3	0.0
Dental Hygiene	10	90.0	0.0	0.0	0.0	10.0	0.0
Drafting Technology	1	0.0	0.0	100.0	0.0	0.0	0.0
Electronics Engr. Tech.	7	57.1	28.6	14.3	0.0	0.0	0.0
Emergency Medical Tech.	26	65.5	23.1	3.8	0.0	3.8	3.8
Equine Studies	7	71.4	14.3	14.3	0.0	0.0	0.0
Fashion Merchandising	8	87.5	0.0	12.5	0.0	0.0	0.0
Fire Science	10	90.0	10.0	0.0	0.0	0.0	0.0
HVAC Technology	7	85.7	14.3	0.0	0.0	0.0	0.0
Hospitality Management	15	86.6%	6.7%	0.0%	6.7%	0.0%	0.0%
Information Word Processing	5	100.0	0.0	0.0	0.0	0.0	0.0

Table 2 (Continued)

CURRENT STATUS
- BY PROGRAM -

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military /Unknown
Interior Merchandising	10	60.0	30.0	10.0	0.0	0.0	0.0
Interpreter Training	13	84.6	0.0	0.0	7.7	7.7	0.0
M.I.C.T. (Paramedic)	9	66.7	0.0	11.1	11.1	11.1	0.0
Manufacturing Technology	2	100.0	0.0	0.0	0.0	0.0	0.0
Marketing & Management	6	83.3	0.0	16.7	0.0	0.0	0.0
Medical Record Technology	6	83.3	16.7	0.0	0.0	0.0	0.0
Nursing	44	97.7	0.0	0.0	0.0	2.3	0.0
Occupational Therapy Asst.	1	0.0	0.0	0.0	100.0	0.0	0.0
Office Careers	13	92.3	0.0	7.7	0.0	0.0	0.0
Paralegal	64	73.3	4.7	9.4	6.3	6.3	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0	0.0	0.0	0.0
Police Academy	21	100.0	0.0	0.0	0.0	0.0	0.0
Radiologic Technology	3	100.0	0.0	0.0	0.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0	0.0	0.0	0.0
Respiratory Therapy	8	100.0	0.0	0.0	0.0	0.0	0.0
1990 Totals (35 programs)	411	81.5%	6.3%	5.8%	3.4%	2.7%	.3%
1989 Totals (32 programs)	329	79.2%	11.0%	3.4%	4.0%	1.8%	.6%
1988 Totals (32 programs)	312	80.1	6.1	4.8	6.1	2.2	.6
1987 Totals (34 programs)	291	79.5	5.5	4.4	1.6	3.8	5.2
1986 Totals (31 programs)	279	78.2	8.1	6.4	3.1	3.1	1.1

NOTE: Employed respondents who were also pursuing additional education appear in the appropriate employment category only.

Table 3
USE OF CAREER PROGRAM SKILLS
- BY PROGRAM -

	Number of Responses	On the Job	Volunteer Work	Not Using Skills	Other/ Unknown
Accounting	4	50.0%	0.0%	50.0%	0.0%
Administration of Justice	2	50.0	0.0	50.0	0.0
Automotive Technology	7	57.1	0.0	42.9	0.0
Aviation Maintenance	1	100.0	0.0	0.0	0.0
Biomedical Equipment	6	83.3	0.0	16.7	0.0
Business Administration	18	72.2	0.0	27.8	0.0
Chef Apprentice	7	100.0	0.0	0.0	0.0
Commercial Art	16	68.8	0.0	6.2	25.0
Computer Systems Technology	9	77.8	0.0	11.1	11.1
Data Processing	42	78.6	0.0	9.5	11.9
Dental Hygiene	10	90.0	0.0	0.0	10.0
Drafting Technology	1	0.0	0.0	0.0	100.0
Electronics Engr. Technology	7	57.1	0.0	42.9	0.0
Emergency Medical Technology	26	61.5	15.4	23.1	0.0
Equine Studies	7	42.9	0.0	57.1	0.0
Fashion Merchandising	8	87.5	0.0	12.5	0.0
Fire Science	10	90.0	10.0	0.0	0.0
HVAC Technology	7	85.7	0.0	14.3	0.0
Hospitality Management	15	86.6	0.0	6.7	6.7
Information Word Processing	5	100.0	0.0	0.0	0.0
Interior Merchandising	10	80.0	0.0	10.0	10.0
Interpreter Training	13	84.6	0.0	15.4	0.0
M.I.C.T. (Paramedic)	9	77.8	0.0	22.2	0.0
Manufacturing Technology	2	0.0	0.0	50.0	50.0
Marketing & Management	6	66.6	0.0	16.7	16.7
Medical Record Technology	6	83.3	0.0	16.7	0.0
Nursing	44	97.7	0.0	0.0	2.3
Occupational Therapy Asst.	1	0.0	0.0	100.0	0.0
Office Careers	13	92.3	7.7	0.0	0.0
Paralegal	64	71.9	6.3	17.2	4.6
Physical Therapy Assistant	1	100.0	0.0	0.0	0.0
Police Academy	21	95.2	0.0	4.8	0.0
Radiologic Technology	3	100.0	0.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0	0.0
Respiratory Therapy	8	100.0	0.0	0.0	0.0
Totals	411	79.3%	2.4%	13.4%	4.9%

Table 4
EMPLOYMENT PROFILE

	Number of Responses	Percent
<u>Length of Time on Current Job</u>		
6 months or less	90	24.1%
7 to 12 months	102	27.3
1 to 2 years	68	18.2
2 to 4 years	52	13.9
Over 4 years	47	12.6
Unknown	15	3.9
<u>Employed Full-Time in Current Related Job Prior to JCCC</u>		
Yes	98	32.8%
No	195	65.2
Unknown	6	2.0
<u>First Full-Time Job in Career Field</u>		
Yes	172	57.5%
No	120	40.1
Unknown	7	2.4
<u>Hourly Wage of Respondents Employed Full Time in Job Related to JCCC Career Program</u>		
Under \$ 5.00 per hour	11	3.7%
5.01 - 7.00	35	11.7
7.01 - 8.00	31	10.4
8.01 - 9.00	24	8.0
9.01 - 10.00	28	9.4
10.01 - 11.00	26	8.7
11.01 - 12.00	20	6.7
12.01 - 13.00	32	10.7
13.01 - 14.00	15	5.0
14.01 - 15.00	23	7.7
Over \$15.00	22	7.4
Unknown	32	10.6
1990 Average hourly wage = \$10.67		
1989 = \$10.36		
1988 = 9.90		
1987 = 9.39		
1986 = 8.61		

Table 5

CURRENT EMPLOYMENT STATUS OF
RESPONDENTS WORKING IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Part-time	Full-time
Accounting	2	0.0%	100.0%
Administration of Justice	1	0.0	100.0
Automotive Technology	5	0.0	100.0
Aviation Maintenance Technology	1	0.0	100.0
Biomedical Equipment	4	0.0	100.0
Business Administration	15	6.7	93.3
Chef Apprentice	7	14.3	85.7
Commercial Art	11	0.0	100.0
Computer Systems Technology	7	0.0	100.0
Data Processing	35	14.3	85.7
Dental Hygiene	9	0.0	100.0
Electronics Engineering Tech.	4	0.0	100.0
Emergency Medical Technology	17	5.9	94.1
Equine Studies	5	60.0	40.0
Fashion Merchandising	7	42.9	57.1
Fire Science	9	0.0	100.0
HVAC Technology	6	0.0	100.0
Hospitality Management	13	0.0	100.0
Information Word Processing	5	0.0	100.0
Interior Merchandising	6	50.0	50.0
Interpreter Training	11	36.4	63.6
M.I.C.T. (Paramedic)	6	0.0	100.0
Manufacturing Technology	2	0.0	100.0
Marketing & Management	5	0.0	100.0
Medical Records Technology	5	0.0	100.0
Nursing	43	4.7	95.3
Office Careers	12	25.0	75.0
Paralegal	47	17.0	83.0
Physical Therapy Assistant	1	0.0	100.0
Police Academy	21	4.8	95.2
Radiologic Technology	3	0.0	100.0
Recreational Leadership	2	50.0	50.0
Respiratory Therapy	8	0.0	100.0
Totals	335	10.7%	89.3%

Table 6
CURRENT RELATED JOB ATTAINED
PRIOR TO ATTENDING JCCC
- BY PROGRAM -

	Number of Responses	Yes	No
Accounting	2	100.0%	0.0%
Administration of Justice	1	100.0	0.0
Automotive Technology	5	60.0	40.0
Aviation Maintenance	1	100.0	0.0
Biomedical Equipment	4	0.0	100.0
Business Administration	15	53.3	46.7
Chef Apprentice	5	40.0	60.0
Commercial Art	11	9.1	90.9
Computer Systems Technology	7	28.6	71.4
Data Processing	34	35.3	64.7
Dental Hygiene	9	0.0	100.0
Electronics Engr. Technology	4	50.0	50.0
Emergency Medical Technology	17	41.2	58.8
Equine Studies	5	40.0	60.0
Fashion Merchandising	7	14.3	85.7
Fire Science	9	77.8	22.2
HVAC Technology	6	16.7	83.3
Hospitality Management	13	7.7	92.3
Information Word Processing	5	20.0	80.0
Interior Merchandising	6	33.3	66.7
Interpreter Training	9	0.0	100.0
M.I.C.T. (Paramedic)	6	66.7	33.3
Manufacturing Technology	1	0.0	100.0
Marketing & Management	5	60.0	40.0
Medical Records Technology	5	0.0	100.0
Nursing	41	19.5	80.5
Office Careers	12	25.0	75.0
Paralegal	46	21.7	78.3
Physical Therapy Assistant	1	0.0	100.0
Police Academy	21	81.0	19.0
Radiologic Technology	3	0.0	100.0
Recreational Leadership	2	50.0	50.0
Respiratory Therapy	8	37.5	62.5
Totals	326	32.2%	67.8%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 7
JOB-HUNTING EXPERIENCES OF FULL-TIME
EMPLOYEES NOT WORKING IN CURRENT JOB
PRIOR TO ATTENDING JCCC

	Number of Responses	Percent
<u>Time Spent Actively Seeking Employment</u> <u>After JCCC Program Completion</u>		
One month	40	16.5%
Two months	11	4.5
Three months	13	5.4
Four to six months	11	4.5
Over six months	6	2.5
Unknown	161	66.6
Median = 1.6 months		
<u>Number of Interviews Before Finding Job</u> <u>After JCCC Program Completion</u>		
Hired after first interview	48	19.8%
Hired after second interview	31	12.8
Hired after third interview	14	5.8
Hired after 4 to 6 interviews	29	12.0
Completed more than 6 interviews	26	10.7
Unknown	94	38.9
<u>Assistance With Job Search *</u>		
No help--found job on own	119	49.4%
Coordinators and instructors helped	57	23.7
Family and friends helped	46	19.1
JCCC workshops helped	25	10.4
Other assistance	22	9.1
Career Center helped	16	6.6
Other placement services helped	7	2.9

* Multiple response item; numbers and percentages are not additive.

Table 8

AVERAGE HOURLY WAGE BY SEX AND PROGRAM
OF RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Overall Average Wage	Males	Females
Accounting	2	\$ 7.95	N/A	\$ 7.95
Administration of Justice	1	15.60	N/A	15.60
Automotive Technology	5	7.55	7.55	N/A
Aviation Maintenance	1	5.00	5.00	N/A
Biomedical Equipment Tech.	4	8.25	8.25	N/A
Business Administration	14	12.17	15.12	10.47
Chef Apprentice	6	10.90	10.26	13.49
Commercial Art	11	7.89	8.75	7.70
Computer Systems Technology	7	10.76	10.76	N/A
Data Processing	30	12.17	13.06	11.21
Dental Hygiene	9	14.78	N/A	14.78
Electronics Engr. Technology	4	8.98	8.98	N/A
Emergency Medical Technology	16	9.87	7.64	14.89
Equine Studies	2	5.88	N/A	5.88
Fashion Merchandising	4	6.85	7.00	6.80
Fire Science	9	11.08	11.08	N/A
HVAC Technology	6	9.08	9.08	N/A
Hospitality Management	13	8.70	11.51	7.65
Information Word Processing	5	9.40	N/A	9.40
Interior Merchandising	3	7.38	N/A	7.38
Interpreter Training	7	8.35	N/A	8.35
M.I.C.T. (Paramedic)	6	8.02	7.76	8.28
Manufacturing Technology	2	13.00	13.00	N/A
Marketing & Management	5	10.34	12.13	8.56
Medical Records Technology	5	8.73	N/A	8.73
Nursing	41	13.73	N/A	13.73
Office Careers	9	8.00	N/A	8.00
Paralegal	39	9.60	7.73	9.77
Physical Therapy Assistant	1	8.00	N/A	8.00
Police Academy	20	11.86	12.09	10.17
Radiologic Technology	3	10.34	N/A	10.34
Recreational Leadership	1	9.38	N/A	9.38
Respiratory Therapy	8	11.59	10.81	11.98
Overall Average Wages	299	\$10.67	\$10.53	\$10.75

NOTE: Results detail responses to this question only, excluding unknowns.

Table 9
AVERAGE HOURLY ENTRY-LEVEL WAGE OF
RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Average Hourly Wage
Automotive Technology	1	\$ 7.00
Aviation Maintenance Technology	1	5.00
Biomedical Equipment Tech.	3	8.25
Business Administration	4	11.38
Chef Apprentice	3	11.20
Commercial Art	10	7.63
Computer Systems Technology	3	10.94
Data Processing	11	11.89
Dental Hygiene	9	14.78
Electronics Engr. Technology	2	8.75
Emergency Medical Technology	8	5.73
Equine Studies	1	6.25
Fashion Merchandising	3	6.46
HVAC Technology	4	7.88
Hospitality Management	12	8.78
Information Word Processing	2	5.00
Interior Merchandising	2	7.38
Interpreter Training	4	8.47
M.I.C.T. (Paramedic)	2	7.97
Marketing & Management	2	5.88
Medical Record Technology	5	8.73
Nursing	38	13.71
Office Careers	4	6.59
Paralegal	15	9.12
Physical Therapy Assistant	1	8.00
Police Academy	7	11.18
Radiologic Technology	2	10.68
Respiratory Therapy	5	11.38
Overall Average Hourly Wage	164	\$10.41

NOTE: Entry level wage defined as earnings of respondents employed in current job one year or less. Results detail responses to this question only, excluding unknowns.

Table 10

EVALUATION OF WORKING CONDITIONS
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	2	50.0%	50.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	5	60.0	40.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	3	100.0	0.0	0.0
Business Administration	14	85.8	7.1	7.1
Chef Apprentice	5	80.0	20.0	0.0
Commercial Art	11	90.9	9.1	0.0
Computer Systems Tech.	7	85.7	0.0	14.3
Data Processing	29	75.9	13.8	10.3
Dental Hygiene	9	100.0	0.0	0.0
Electronics Engr. Tech.	4	100.0	0.0	0.0
Emergency Medical Technology	16	68.8	31.2	0.0
Equine Studies	2	100.0	0.0	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	9	88.9	11.1	0.0
HVAC Tech.	6	66.6	16.7	16.7
Hospitality Management	13	76.9	15.4	7.7
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	3	66.7	33.3	0.0
Interpreter Training	7	85.7	14.3	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	5	100.0	0.0	0.0
Medical Record Technology	5	60.0	20.0	20.0
Nursing	41	85.4	12.2	2.4
Office Careers	9	88.9	11.1	0.0
Paralegal	38	73.6	13.2	13.2
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	90.0	10.0	0.0
Radiologic Technology	3	66.7	0.0	33.3
Recreational Leadership	1	100.0	0.0	0.0
Respiratory Therapy	8	87.5	12.5	0.0
Totals	294	82.3%	12.2%	5.5%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 11

EVALUATION OF LEVEL OF JOB RESPONSIBILITY
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	2	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	5	80.0	20.0	0.0
Aviation Maintenance	1	0.0	100.0	0.0
Biomedical Equipment Tech.	3	100.0	0.0	0.0
Business Administration	14	92.9	0.0	7.1
Chef Apprentice	5	80.0	20.0	0.0
Commercial Art	11	81.8	9.1	9.1
Computer Systems Tech.	7	100.0	0.0	0.0
Data Processing	29	86.2	6.9	6.9
Dental Hygiene	9	88.9	11.1	0.0
Electronics Engr. Tech.	4	100.0	0.0	0.0
Emergency Medical Technology	16	100.0	0.0	0.0
Equine Studies	2	50.0	50.0	0.0
Fashion Merchandising	4	25.0	50.0	25.0
Fire Science	9	100.0	0.0	0.0
HVAC Tech.	6	83.3	16.7	0.0
Hospitality Management	12	83.4	8.3	8.3
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	3	66.7	33.3	0.0
Interpreter Training	7	85.7	0.0	14.3
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	5	80.0	0.0	20.0
Medical Record Technology	5	80.0	20.0	0.0
Nursing	41	92.7	4.9	2.4
Office Careers	9	88.9	11.1	0.0
Paralegal	38	71.1	23.7	5.2
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	100.0	0.0	0.0
Radiologic Technology	3	66.7	33.3	0.0
Recreational Leadership	1	100.0	0.0	0.0
Respiratory Therapy	8	87.5	12.5	0.0
Totals	293	86.3%	9.6%	4.1%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 12

EVALUATION OF ADVANCEMENT POTENTIAL
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	1	0.0%	0.0%	100.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	5	40.0	20.0	40.0
Aviation Maintenance Technology	1	100.0	0.0	0.0
Biomedical Equipment Tech.	4	75.0	25.0	0.0
Business Administration	13	61.5	23.1	15.4
Chef Apprentice	5	40.0	20.0	40.0
Commercial Art	11	54.5	27.3	18.2
Computer Systems Tech.	7	57.1	14.3	28.6
Data Processing	27	37.0	37.0	26.0
Dental Hygiene	9	11.1	66.7	22.2
Electronics Engr. Tech.	4	50.0	50.0	0.0
Emergency Medical Technology	15	40.0	20.0	40.0
Equine Studies	2	50.0	0.0	50.0
Fashion Merchandising	4	75.0	0.0	25.0
Fire Science	9	55.6	33.3	11.1
HVAC Tech.	6	50.0	16.7	33.3
Hospitality Management	12	50.0	0.0	50.0
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	2	50.0	0.0	50.0
Interpreter Training	7	28.6	42.8	28.6
M.I.C.T. (Paramedic)	6	33.3	33.3	33.3
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	5	80.0	20.0	0.0
Medical Record Technology	4	50.0	50.0	0.0
Nursing	41	65.9	22.0	12.1
Office Careers	9	41.7	25.0	33.3
Paralegal	37	37.8	10.8	51.4
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	60.0	15.0	25.0
Radiologic Technology	3	66.7	0.0	33.3
Recreational Leadership	1	100.0	0.0	0.0
Respiratory Therapy	8	50.0	37.5	12.5
Totals	286	50.3%	22.4%	27.3%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 13
EVALUATION OF SALARY
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	2	0.0%	100.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	5	20.0	20.0	60.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	4	50.0	0.0	50.0
Business Administration	14	64.3	28.6	7.1
Chef Apprentice	5	80.0	20.0	0.0
Commercial Art	11	45.4	27.3	27.3
Computer Systems Tech.	7	42.9	14.2	42.9
Data Processing	29	48.3	27.6	24.1
Dental Hygiene	9	77.8	22.2	0.0
Electronics Engr. Tech.	4	50.0	50.0	0.0
Emergency Medical Technology	15	26.7	40.0	33.3
Equine Studies	2	0.0	100.0	0.0
Fashion Merchandising	4	25.0	50.0	25.0
Fire Science	9	77.8	22.2	0.0
HVAC Tech.	6	50.0	16.7	33.3
Hospitality Management	13	38.4	30.8	30.8
Information Word Processing	5	40.0	40.0	20.0
Interior Merchandising	3	33.3	33.3	33.3
Interpreter Training	7	57.1	14.3	28.6
M.I.C.T. (Paramedic)	6	33.3	16.7	50.0
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	5	60.0	40.0	0.0
Medical Record Technology	5	40.0	40.0	20.0
Nursing	41	78.0	19.5	2.5
Office Careers	9	66.7	33.3	0.0
Paralegal	38	57.9	15.8	26.3
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	75.0	15.0	10.0
Radiologic Technology	3	100.0	0.0	0.0
Recreational Leadership	1	0.0	100.0	0.0
Respiratory Therapy	8	62.5	25.0	12.5
Totals	294	56.8%	24.8%	18.4%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 14

EVALUATION OF JOB IN GENERAL
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	2	50.0%	50.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	5	40.0	40.0	20.0
Biomedical Equipment Tech.	4	100.0	0.0	0.0
Business Administration	14	85.8	7.1	7.1
Chef Apprentice	5	80.0	0.0	20.0
Commercial Art	11	90.9	9.1	0.0
Computer Systems Tech.	7	85.7	14.3	0.0
Data Processing	29	72.5	17.2	10.3
Dental Hygiene	9	100.0	0.0	0.0
Electronics Engr. Tech.	4	100.0	0.0	0.0
Emergency Medical Technology	16	93.8	6.2	0.0
Equine Studies	2	50.0	50.0	0.0
Fashion Merchandising	4	75.0	25.0	0.0
Fire Science	9	88.9	11.1	0.0
HVAC Tech.	6	66.6	16.7	16.7
Hospitality Management	13	76.9	0.0	23.1
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	3	66.7	33.3	0.0
Interpreter Training	7	71.4	0.0	28.6
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	5	100.0	0.0	0.0
Medical Record Technology	5	80.0	20.0	0.0
Nursing	41	90.2	9.8	0.0
Office Careers	9	88.9	11.1	0.0
Paralegal	38	68.4	18.4	13.2
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	85.0	15.0	0.0
Radiologic Technology	3	100.0	0.0	0.0
Recreational Leadership	1	100.0	0.0	0.0
Respiratory Therapy	8	75.0	25.0	0.0
Totals	294	82.0%	11.9%	6.1%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 15
LEVEL OF SATISFACTION WITH
FULL-TIME RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	2	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	5	80.0	20.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	4	100.0	0.0	0.0
Business Administration	14	100.0	0.0	0.0
Chef Apprentice	5	40.0	40.0	20.0
Commercial Art	11	90.9	0.0	9.1
Computer Systems Tech.	7	85.7	0.0	14.3
Data Processing	29	75.9	13.8	10.3
Dental Hygiene	9	77.8	0.0	22.2
Electronics Engr. Tech.	3	66.7	0.0	33.3
Emergency Medical Technology	16	93.8	0.0	6.2
Equine Studies	2	100.0	0.0	0.0
Fashion Merchandising	4	50.0	0.0	50.0
Fire Science	9	55.6	0.0	44.4
HVAC Tech.	6	83.3	16.7	0.0
Hospitality Management	13	76.9	7.7	15.4
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	83.3	16.7	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Manufacturing Technology	1	0.0	100.0	0.0
Marketing and Management	5	100.0	0.0	0.0
Medical Record Technology	5	80.0	0.0	20.0
Nursing	40	95.0	5.0	0.0
Office Careers	9	100.0	0.0	0.0
Paralegal	38	86.8	5.3	7.9
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	100.0	0.0	0.0
Radiologic Technology	3	100.0	0.0	0.0
Recreational Leadership	1	100.0	0.0	0.0
Respiratory Therapy	8	100.0	0.0	0.0
Totals	292	87.4%	5.1%	7.5%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 16
JCCC EXPERIENCES

	Number of Responses	Percent
<u>Method of JCCC Career Program Completion</u>		
Earned associate degree	280	68.1%
Earned vocational certificate	81	19.7
Left with marketable skills	40	9.7
Unknown	10	2.5
<u>Semesters Enrolled in Career Program</u>		
1 or 2	61	14.8%
3 or 4	153	37.2
5 or 6	118	28.7
7 or 8	46	11.2
9 or more	21	5.1
Unknown	12	3.0
Median = 4.4 semesters		
<u>Credit Hours Completed at JCCC</u>		
15 or less	36	8.8%
16 to 30	43	10.5
31 to 45	39	9.5
46 to 60	38	9.2
61 to 70	94	22.9
71 or more	98	23.8
Unknown	63	15.3
Median = 63.8 credit hours		
<u>JCCC Grades</u>		
Mostly A	131	31.9%
Mostly A and B	150	36.5
Mostly B	57	13.9
Mostly B and C	60	14.6
Mostly C	10	2.4
Unknown	3	.7

Table 17
JCCC EDUCATIONAL OBJECTIVE

	Number of Responses	Percent
<u>Original Educational Objective at JCCC</u>		
Prepare to enter job market	147	35.8%
Improve skills for present job	88	21.4
Prepare to change careers	66	16.1
Prepare to transfer	56	13.6
Explore career possibilities	26	6.3
Study topics of interest/self-improvement	18	4.4
Remedy or review basic skills	5	1.2
Other/unknown	5	1.2
<u>Changed Educational Objective</u>		
Yes	58	14.1%
No	353	85.9
<u>New Educational Objective</u>		
Prepare to enter job market	21	36.2%
Transfer to 4-year college/university	14	24.1
Prepare to change careers	7	12.1
Explore career possibilities	7	12.1
Study topics of interest/self-improvement	3	5.2
Improve skills for present job	2	3.4
Unknown	4	6.9
<u>Achieved JCCC Educational Objective</u>		
Yes, completely	335	81.5%
Yes, partially	69	16.8
No	5	1.2
Unknown	2	.5
<u>JCCC Helped Achieve Objective</u>		
Yes	381	94.3%
Unsure	13	3.2
No	6	1.5
Unknown	4	1.0

Table 18
OVERALL SATISFACTION WITH JCCC

	Number of Responses	Percent
<u>JCCC Improved Quality of Life</u>		
Definitely/probably	383	93.2%
Uncertain	14	3.4
Probably no/definitely no	14	3.4
<u>If Starting Now, Would Attend JCCC Again</u>		
Definitely/probably	384	93.4%
Uncertain	10	2.4
Probably no/definitely no	16	3.9
Unknown	1	.3
<u>Would Recommend JCCC to Friends</u>		
Yes	394	95.9%
Unsure	12	2.9
No	4	1.0
Unknown	1	.2
<u>Would Encourage Own Children to Attend JCCC</u>		
Yes	354	86.1%
Unsure	37	9.0
No	18	4.4
Unknown	2	.5

Table 19

PERCEPTIONS OF JCCC EXPERIENCES

	JCCC Should Have Helped With This				JCCC Did Help With This			
	Number of Responses	Agree	Neutral	Disagree	Number of Responses	Agree	Neutral	Disagree
Enhance self-confidence	363	79.1%	18.2%	2.7%	379	78.4%	16.6%	5.0%
Broaden knowledge of arts and sciences	353	75.1	21.2	3.7	360	76.9	20.0	3.1
Improve oral communication skills	359	80.5	16.4	3.1	371	72.5	21.6	5.9
Improve written communication skills	356	80.9	15.2	3.9	369	70.7	23.6	5.7
Improve decision-making skills	362	75.1	19.9	5.0	378	70.4	23.8	5.8
Expand tolerance for people and ideas	357	71.4	23.0	5.6	369	67.8	27.4	4.8
Improve time management skills	358	69.8	26.6	3.6	374	66.0	29.5	4.5
Clarify personal values and goals	353	69.7	23.2	7.1	372	65.9	25.8	8.3
Improve interpersonal skills	352	58.2	32.4	9.4	366	57.9	35.0	7.1

NOTE: Data were collected utilizing a 5-point scale ranging from strongly agree to strongly disagree. Thus, the "agree" column includes "strongly agree" and "somewhat agree" responses combined, and the "disagree" column includes "somewhat disagree" and "strongly disagree" responses combined.

Table 20

SATISFACTION WITH VARIOUS ASPECTS OF COLLEGE

	At JCCC				At Four-Year College/University			
	Number of Responses	Satisfied	Neutral	Dissatisfied	Number of Responses	Satisfied	Neutral	Dissatisfied
Facilities and equipment	404	93.6%	5.2%	1.2%	155	70.3%	20.7%	9.0%
Quality of instruction	409	92.4	5.6	2.0	159	78.6	15.1	6.3
Helpfulness/individual attention of faculty	403	89.3	9.5	1.2	160	58.1	20.0	21.9
Course content	408	88.7	9.3	2.0	159	80.5	15.7	3.8
Variety of courses	396	87.4	10.3	2.3	156	84.0	12.2	3.8
Registration process	399	83.7	9.5	6.8	158	45.6	19.0	35.4
Usefulness/relevance of coursework	381	83.5	11.5	5.0	141	50.4	39.0	10.6
Convenience of class scheduling	401	82.0	11.5	6.5	158	61.4	24.0	14.6
Career or transfer preparation	232	68.4	26.3	5.3	125	50.4	40.0	9.6
Academic advisement and counseling	377	67.4	22.8	9.8	154	50.0	23.4	26.6
Availability of scholarships and financial aid	258	49.2	38.0	12.8	116	55.2	33.6	11.2
Job placement services	261	45.6	44.1	10.3	100	29.0	52.0	19.0

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined.

Table 21
FOUR-YEAR COLLEGE/UNIVERSITY
COMPARED IN TABLE 20

	Number of Responses	Percent
<u>Kansas Colleges & Universities</u>		
The University of Kansas	39	26.0%
Mid-America Nazarene College	8	5.4
Pittsburg State University	7	4.7
Emporia State University	5	3.4
Kansas State University	5	3.4
Wichita State University	5	3.4
Other Kansas colleges and universities	8	5.4
Total Kansas colleges & universities	77	51.7%
<u>Missouri Colleges & Universities</u>		
University of Missouri at Kansas City	9	6.0
University of Missouri at Columbia	7	4.7
Central Missouri State University	6	4.0
Avila College	4	2.7
Other Missouri colleges and universities	15	10.1
Total Missouri colleges and universities	41	27.5
<u>Out-of-area colleges and universities</u> (20 other states represented)	31	20.8

Table 22
SATISFACTION WITH VARIETY
OF COURSES OFFERED AT JCCC: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Automotive Technology	7	57.1	42.9	0.0
Aviation Maintenance	1	0.0	100.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	18	94.4	5.6	0.0
Chef Apprentice	7	71.4	28.6	0.0
Commercial Art	15	73.3	26.7	0.0
Computer Systems Tech.	9	88.9	0.0	11.1
Data Processing	42	90.5	7.1	2.4
Dental Hygiene	10	80.0	20.0	0.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engr. Tech.	7	57.1	14.3	28.6
Emergency Medical Technology	23	82.6	17.4	0.0
Equine Studies	7	71.4	28.6	0.0
Fashion Merchandising	8	100.0	0.0	0.0
Fire Science	10	90.0	10.0	0.0
HVAC Technology	7	85.7	14.3	0.0
Hospitality Management	15	86.7	0.0	13.3
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	10	90.0	10.0	0.0
Interpreter Training	13	84.6	15.4	0.0
M.I.C.T. (Paramedic)	8	75.0	25.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	6	100.0	0.0	0.0
Medical Record Technology	6	100.0	0.0	0.0
Nursing	43	90.7	9.3	0.0
Occupational Therapy Assistant	1	100.0	0.0	0.0
Office Careers	13	100.0	0.0	0.0
Paralegal	62	90.3	6.5	3.2
Physical Therapy Assistant	1	0.0	100.0	0.0
Police Academy	14	78.6	14.3	7.1
Radiologic Technology	3	100.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	8	100.0	0.0	0.0
Totals	396	87.4%	10.3%	2.3%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 23

SATISFACTION WITH
HELPLEFULNESS AND INDIVIDUAL ATTENTION
RECEIVED FROM JCCC FACULTY: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	2	50.0	50.0	0.0
Automotive Technology	7	71.4	28.6	0.0
Aviation Maintenance Technology	1	0.0	100.0	0.0
Biomedical Equipment Technology	6	100.0	0.0	0.0
Business Administration	18	55.6	38.8	5.6
Chef Apprentice	7	100.0	0.0	0.0
Commercial Art	16	93.8	6.2	0.0
Computer Systems Tech.	9	88.9	11.1	0.0
Data Processing	40	92.5	7.5	0.0
Dental Hygiene	10	90.0	0.0	10.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engineering Tech.	7	100.0	0.0	0.0
Emergency Medical Technology	26	88.5	7.7	3.8
Equine Studies	7	71.4	28.6	0.0
Fashion Merchandising	8	100.0	0.0	0.0
Fire Science	10	100.0	0.0	0.0
HVAC Technology	7	100.0	0.0	0.0
Hospitality Management	15	93.3	6.7	0.0
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	10	70.0	30.0	0.0
Interpreter Training	13	92.3	7.7	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	6	83.3	0.0	16.7
Medical Record Technology	5	60.0	40.0	0.0
Nursing	44	95.5	4.5	0.0
Occupational Therapy Assistant	1	100.0	0.0	0.0
Office Careers	13	92.3	7.7	0.0
Paralegal	63	95.2	3.2	1.6
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	17	76.5	23.5	0.0
Radiologic Technology	3	66.7	33.3	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	8	87.5	12.5	0.0
Totals	403	89.3%	9.5%	1.2%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 24

SATISFACTION WITH COURSE
CONTENT AT JCCC: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Automotive Technology	7	71.4	28.6	0.0
Aviation Maintenance	1	0.0	100.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	18	83.3	16.7	0.0
Chef Apprentice	7	100.0	0.0	0.0
Commercial Art	16	93.8	0.0	6.2
Computer Systems Tech.	9	77.8	0.0	22.2
Data Processing	42	95.2	2.4	2.4
Dental Hygiene	10	100.0	0.0	0.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engr. Tech.	7	71.4	28.6	0.0
Emergency Medical Technology	25	96.0	4.0	0.0
Equine Studies	7	42.9	57.1	0.0
Fashion Merchandising	8	87.5	12.5	0.0
Fire Science	10	90.0	10.0	0.0
HVAC Technology	7	85.7	14.3	0.0
Hospitality Management	15	85.7	14.3	0.0
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	10	80.0	20.0	0.0
Interpreter Training	13	76.9	15.4	7.7
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	6	83.3	16.7	0.0
Medical Record Technology	6	83.3	16.7	0.0
Nursing	44	97.7	2.3	0.0
Occupational Therapy Assistant	1	100.0	0.0	0.0
Office Careers	13	100.0	0.0	0.0
Paralegal	63	82.5	14.3	3.2
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	75.0	20.0	5.0
Radiologic Technology	3	66.7	33.3	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	8	100.0	0.0	0.0
Totals	408	88.7%	9.3%	2.0%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 25

SATISFACTION WITH QUALITY
OF INSTRUCTION AT JCCC: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Automotive Technology	7	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	18	88.8	5.6	5.6
Chef Apprentice	7	100.0	0.0	0.0
Commercial Art	16	87.4	6.3	6.3
Computer Systems Tech.	9	100.0	0.0	0.0
Data Processing	42	88.1	7.1	4.8
Dental Hygiene	10	80.0	20.0	0.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engr. Tech.	7	85.7	14.3	0.0
Emergency Medical Technology	26	88.5	7.7	3.8
Equine Studies	7	42.9	42.9	14.2
Fashion Merchandising	8	100.0	0.0	0.0
Fire Science	10	100.0	0.0	0.0
HVAC Technology	7	85.7	14.3	0.0
Hospitality Management	15	100.0	0.0	0.0
Information Word Processing	5	100.0	0.0	0.0
Interior Merchandising	10	70.0	30.0	0.0
Interpreter Training	13	100.0	0.0	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	6	100.0	0.0	0.0
Medical Record Technology	6	100.0	0.0	0.0
Nursing	44	100.0	0.0	0.0
Occupational Therapy Assistant	1	100.0	0.0	0.0
Office Careers	13	100.0	0.0	0.0
Paralegal	63	92.1	6.3	1.6
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	95.0	5.0	0.0
Radiologic Technology	3	100.0	0.0	0.0
Recreational Leadership	2	50.0	50.0	0.0
Respiratory Therapy	8	87.5	0.0	12.5
Totals	409	92.4%	5.6%	2.0%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 26

SATISFACTION WITH USEFULNESS AND
RELEVANCE OF JCCC COURSE OF STUDY: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	3	66.7%	33.3%	0.0%
Administration of Justice	2	50.0	50.0	0.0
Automotive Technology	7	42.9	42.9	14.2
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	5	100.0	0.0	0.0
Business Administration	16	68.8	12.5	18.7
Chef Apprentice	7	100.0	0.0	0.0
Commercial Art	13	69.2	23.1	7.7
Computer Systems Tech.	9	66.7	22.2	11.1
Data Processing	39	87.2	12.8	0.0
Dental Hygiene	10	100.0	0.0	0.0
Electronics Engr. Tech.	6	83.3	0.0	16.7
Emergency Medical Technology	21	90.4	4.8	4.8
Equine Studies	7	71.4	28.6	0.0
Fashion Merchandising	7	85.7	14.3	0.0
Fire Science	9	38.9	0.0	11.1
HVAC Technology	7	85.7	0.0	14.3
Hospitality Management	15	86.6	6.7	6.7
Information Word Processing	5	80.0	20.0	0.0
Interior Merchandising	8	62.5	37.5	0.0
Interpreter Training	13	76.9	15.4	7.7
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	0.0	50.0	50.0
Marketing & Management	6	83.3	16.7	0.0
Medical Record Technology	6	83.3	0.0	16.7
Nursing	44	100.0	0.0	0.0
Occupational Therapy Assistant	1	100.0	0.0	0.0
Office Careers	11	90.9	9.1	0.0
Paralegal	58	74.2	17.2	8.6
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	85.0	15.0	0.0
Radiologic Technology	3	100.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	8	100.0	0.0	0.0
Totals	381	83.5%	11.5%	5.0%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 27

SATISFACTION WITH CAREER/TRANSFER
PREPARATION AT JCCC: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	3	33.3%	66.7%	0.0%
Administration of Justice	1	0.0	100.0	0.0
Automotive Technology	6	16.7	83.3	0.0
Aviation Maintenance	1	0.0	0.0	100.0
Biomedical Equipment Tech.	5	80.0	20.0	0.0
Business Administration	15	53.3	33.3	13.4
Chef Apprentice	7	71.4	28.6	0.0
Commercial Art	10	60.0	40.0	0.0
Computer Systems Tech.	7	42.9	42.9	14.2
Data Processing	35	77.1	22.9	0.0
Dental Hygiene	10	90.0	10.0	0.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engr. Tech.	7	57.1	42.9	0.0
Emergency Medical Technology	14	71.4	21.5	7.1
Equine Studies	5	80.0	20.0	0.0
Fashion Merchandising	7	85.7	14.3	0.0
Fire Science	9	66.7	22.2	11.1
HVAC Technology	4	75.0	0.0	25.0
Hospitality Management	12	66.7	25.0	8.3
Information Word Processing	5	40.0	60.0	0.0
Interior Merchandising	9	77.8	11.1	11.1
Interpreter Training	11	45.5	45.5	9.0
M.I.C.T. (Paramedic)	7	57.1	28.6	14.3
Manufacturing Technology	2	0.0	50.0	50.0
Marketing & Management	5	80.0	20.0	0.0
Medical Record Technology	6	33.3	50.0	16.7
Nursing	38	84.2	15.8	0.0
Occupational Therapy Assistant	1	0.0	100.0	0.0
Office Careers	9	77.8	22.2	0.0
Paralegal	48	66.7	25.0	8.3
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	10	90.0	10.0	0.0
Radiologic Technology	3	66.7	33.3	0.0
Recreational Leadership	1	100.0	0.0	0.0
Respiratory Therapy	8	87.5	12.5	0.0
Totals	323	68.4%	26.3%	5.3%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 28

USER SATISFACTION WITH JOB PLACEMENT
SERVICES AT JCCC: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	0.0%	100.0%	0.0%
Automotive Technology	2	0.0	50.0	50.0
Aviation Maintenance Tech.	1	0.0	0.0	100.0
Biomedical Equipment Tech.	6	50.0	50.0	0.0
Business Administration	5	0.0	80.0	20.0
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	8	50.0	37.5	12.5
Computer Systems Tech.	8	50.0	12.5	37.5
Data Processing	20	75.0	20.0	5.0
Dental Hygiene	4	100.0	0.0	0.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engr. Tech.	6	50.0	33.3	16.7
Emergency Medical Technology	2	0.0	0.0	100.0
Equine Studies	2	100.0	0.0	0.0
Fashion Merchandising	5	80.0	0.0	20.0
Fire Science	2	0.0	100.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	8	62.5	25.0	12.5
Information Word Processing	2	100.0	0.0	0.0
Interior Merchandising	2	50.0	50.0	0.0
Interpreter Training	4	25.0	50.0	25.0
M.I.C.T. (Paramedic)	1	100.0	0.0	0.0
Marketing & Management	2	100.0	0.0	0.0
Medical Record Technology	2	0.0	100.0	0.0
Nursing	9	33.3	66.7	0.0
Office Careers	7	85.7	14.3	0.0
Paralegal	38	52.6	31.6	15.8
Police Academy	1	100.0	0.0	0.0
Recreational Leadership	1	100.0	0.0	0.0
Total	155	56.8%	30.3%	12.9%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 29

SATISFACTION WITH JCCC FACILITIES
AND EQUIPMENT: BY PROGRAM

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	7	100.0	0.0	0.0
Aviation Maintenance	1	0.0	0.0	100.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	17	76.5	23.5	0.0
Chef Apprentice	7	85.7	14.3	0.0
Commercial Art	16	100.0	0.0	0.0
Computer Systems Tech.	9	88.9	11.1	0.0
Data Processing	41	100.0	0.0	0.0
Dental Hygiene	10	100.0	0.0	0.0
Drafting Technology	1	100.0	0.0	0.0
Electronics Engr. Tech.	7	100.0	0.0	0.0
Emergency Medical Technology	25	96.0	0.0	4.0
Equine Studies	7	100.0	0.0	0.0
Fashion Merchandising	8	100.0	0.0	0.0
Fire Science	10	100.0	0.0	0.0
HVAC Technology	7	100.0	0.0	0.0
Hospitality Management	15	100.0	0.0	0.0
Information Word Processing	5	80.0	20.0	0.0
Interior Merchandising	10	80.0	20.0	0.0
Interpreter Training	13	92.3	7.7	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	6	83.3	16.7	0.0
Medical Record Technology	6	83.3	16.7	0.0
Nursing	44	93.2	4.5	2.3
Occupational Therapy Assistant	1	100.0	0.0	0.0
Office Careers	13	100.0	0.0	0.0
Paralegal	62	91.9	4.8	3.3
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	20	90.0	10.0	0.0
Radiologic Technology	3	66.7	33.3	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	8	87.5	12.5	0.0
Totals	404	93.6%	5.2%	1.2%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 30
CURRENT EDUCATIONAL PROFILE

	Number of Responses	Percent
<u>Current Educational Objective</u>		
Improve skills for present job	98	23.8%
No plans for more education	78	19.0
Prepare to transfer	63	15.3
Study topics of interest/self-improvement	54	13.1
Prepare for graduate school	37	9.0
Prepare to enter job market	19	4.6
Prepare to change careers	17	4.1
Explore career possibilities	10	2.4
Remedy or review basic skills	6	1.5
Other/unknown	29	7.2
<u>Currently Enrolled</u>		
Yes	111	27.0%
No	296	72.0
Unknown	4	1.0
<u>Where</u>		
JCCC	54	48.6%
The University of Kansas	7	6.3
Mid-America Nazarene College	6	5.4
Emporia State University	2	1.8
Pittsburg State University	2	1.8
Other Kansas colleges/universities	5	4.5
University of Missouri, Kansas City	7	6.3
Park College	3	2.7
Avila College	2	1.8
Other Missouri colleges/universities	6	5.4
Out-of-area colleges/universities	4	3.6
Unknown	13	11.8

Table 31
FUTURE EDUCATIONAL PLANS

	Number of Responses	Percent
<u>Plan to Enroll Again</u>		
Yes	203	49.4%
Unsure	98	23.8
No	102	24.8
Unknown	8	2.0
<u>Where</u>		
JCCC	99	48.8%
The University of Kansas	13	6.4
Emporia State University	3	1.5
Kansas State University	2	1.0
Mid-America Nazarene College	4	2.0
Pittsburg State University	3	1.5
Baker University	2	1.0
Other Kansas colleges/universities	8	3.9
University of Missouri, Kansas City	14	6.9
Rockhurst College	3	1.5
Avila College	2	1.0
Park College	2	1.0
Other Missouri colleges/universities	6	3.0
Out-of-area colleges/universities	5	2.5
Unknown	37	18.0

SECTION TWO

RESULTS OF FOLLOW-UP STUDY OF EMPLOYERS OF
1989-90 JCCC CAREER PROGRAM COMPLETERS
WORKING IN JOBS RELATED TO THEIR JCCC COURSE OF STUDY

Table 32
 PROFILE OF FIRMS EMPLOYING
 1989-90 JCCC CAREER PROGRAM COMPLETERS
 IN JOBS RELATED TO JCCC COURSE OF STUDY

	Number of Responses	Percent
<u>Number of Employees</u>		
1 to 5	18	10.1%
6 to 10	17	9.5
11 to 25	23	12.8
26 to 50	32	17.9
51 to 100	34	19.0
101 to 250	17	9.5
251 to 500	2	1.1
501 and over	15	8.4
Unknown	21	11.7
<u>Anticipate Hiring in Same Career Field Within 3-5 Years</u>		
Yes	105	58.7%
No	39	21.8
Unknown	35	19.5

Table 33
EMPLOYER EVALUATION OF
JOB-RELATED CONCEPTUAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	0.0%	100.0%	0.0%
Automotive Technology	1	100.0	0.0	0.0
Biomedical Equipment Technology *	3	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	3	100.0	0.0	0.0
Commercial Art	5	80.0	20.0	0.0
Computer Systems Technology	6	100.0	0.0	0.0
Data Processing	17	82.4	17.6	0.0
Dental Hygiene	5	100.0	0.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	10	80.0	20.0	0.0
Equine Studies	3	100.0	0.0	0.0
Fashion Merchandising	4	75.0	25.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	2	100.0	0.0	0.0
Hospitality Management	6	66.7	33.3	0.0
Information Word Processing	3	100.0	0.0	0.0
Interior Merchandising	2	100.0	0.0	0.0
Interpreter Training	5	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	1	0.0	100.0	0.0
Medical Record Technology	3	66.7	33.3	0.0
Nursing *	29	89.7	10.3	0.0
Office Careers	7	57.1	42.9	0.0
Paralegal	25	92.0	8.0	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	2	50.0	50.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	4	75.0	25.0	0.0
Totals	177	87.6%	12.4%	0.0%

* Not all employers chose to rate the JCCC completer on this variable.

Table 34
EMPLOYER EVALUATION OF
JOB-RELATED TECHNICAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Automotive Technology	1	100.0	0.0	0.0
Biomedical Equipment Technology *	3	66.7	33.3	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	3	100.0	0.0	0.0
Commercial Art	5	80.0	20.0	0.0
Computer Systems Technology	6	100.0	0.0	0.0
Data Processing	17	88.2	11.8	0.0
Dental Hygiene	5	80.0	20.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	10	90.0	10.0	0.0
Equine Studies	3	100.0	0.0	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	2	50.0	50.0	0.0
Hospitality Management	6	66.7	33.3	0.0
Information Word Processing	3	100.0	0.0	0.0
Interior Merchandising	2	50.0	50.0	0.0
Interpreter Training	5	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	1	100.0	0.0	0.0
Medical Record Technology	3	66.7	33.3	0.0
Nursing *	29	96.6	3.4	0.0
Office Careers	7	85.7	14.3	0.0
Paralegal	25	80.0	20.0	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	5	80.0	20.0	0.0
Radiologic Technology	2	100.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	4	75.0	25.0	0.0
Totals	177	88.7%	11.3%	0.0%

* Not all employers chose to rate the JCCC completer on this variable.

Table 35
EMPLOYER EVALUATION OF
ATTITUDE TOWARD WORK

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	1	0.0%	0.0%	100.0%
Automotive Technology	1	100.0	0.0	0.0
Biomedical Equipment Technology *	3	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	3	100.0	0.0	0.0
Commercial Art	5	100.0	0.0	0.0
Computer Systems Technology	6	83.3	16.7	0.0
Data Processing	17	94.1	5.9	0.0
Dental Hygiene	5	100.0	0.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	10	90.0	10.0	0.0
Equine Studies	3	66.7	33.3	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	2	100.0	0.0	0.0
Hospitality Management	6	50.0	33.3	16.7
Information Word Processing	3	100.0	0.0	0.0
Interior Merchandising	2	100.0	0.0	0.0
Interpreter Training	5	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	1	100.0	0.0	0.0
Medical Record Technology	3	33.3	33.3	33.3
Nursing *	29	96.6	3.4	0.0
Office Careers	7	100.0	0.0	0.0
Paralegal	25	100.0	0.0	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology *	1	100.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Totals	176	93.8%	4.5%	1.7%

* Not all employers chose to rate the JCCC completer on this variable.

Table 36
EMPLOYER EVALUATION OF
QUALITY OF WORK

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Automotive Technology	1	100.0	0.0	0.0
Biomedical Equipment Technology *	3	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	3	100.0	0.0	0.0
Commercial Art	5	100.0	0.0	0.0
Computer Systems Technology	6	100.0	0.0	0.0
Data Processing	17	88.2	11.8	0.0
Dental Hygiene	5	80.0	20.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	10	80.0	20.0	0.0
Equine Studies	3	100.0	0.0	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	2	100.0	0.0	0.0
Hospitality Management	6	83.3	16.7	0.0
Information Word Processing	3	100.0	0.0	0.0
Interior Merchandising	2	100.0	0.0	0.0
Interpreter Training	5	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	1	100.0	0.0	0.0
Medical Record Technology	3	33.3	33.3	33.3
Nursing *	29	100.0	0.0	0.0
Office Careers	7	85.7	14.3	0.0
Paralegal *	24	91.7	8.3	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	2	100.0	0.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Totals	176	93.8%	5.6%	.6%

* Not all employers chose to rate the JCCC completer on this variable.

Table 37
EMPLOYER EVALUATION OF
COMMUNICATIONS AND INTERPERSONAL SKILLS

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	0.0%	100.0%	0.0%
Automotive Technology	1	100.0	0.0	0.0
Biomedical Equipment Technology *	3	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	3	66.7	33.3	0.0
Commercial Art	5	100.0	0.0	0.0
Computer Systems Technology	6	100.0	0.0	0.0
Data Processing	17	82.4	17.6	0.0
Dental Hygiene	5	80.0	20.0	0.0
Electronics Engr. Technology	2	50.0	50.0	0.0
Emergency Medical Technology	10	60.0	30.0	10.0
Equine Studies	3	100.0	0.0	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	8	87.5	12.5	0.0
HVAC Technology	2	100.0	0.0	0.0
Hospitality Management	6	50.0	33.3	16.7
Information Word Processing	3	100.0	0.0	0.0
Interior Merchandising	2	100.0	0.0	0.0
Interpreter Training	5	80.0	0.0	20.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	1	100.0	0.0	0.0
Medical Record Technology	3	33.3	33.3	33.3
Nursing *	29	93.1	6.9	0.0
Office Careers	7	42.9	57.1	0.0
Paralegal	25	92.0	8.0	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	2	50.0	50.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Totals	177	84.7%	13.0%	2.3%

* Not all employers chose to rate the JCCC completer on this variable.

Table 38

EMPLOYER EVALUATION OF
OVERALL JOB PREPARATION

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	0.0%	100.0%	0.0%
Automotive Technology	1	100.0	0.0	0.0
Biomedical Equipment Technology *	3	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	3	100.0	0.0	0.0
Commercial Art	5	100.0	0.0	0.0
Computer Systems Technology	6	100.0	0.0	0.0
Data Processing	17	94.1	5.9	0.0
Dental Hygiene	5	100.0	0.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	10	80.0	20.0	0.0
Equine Studies	3	100.0	0.0	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	2	100.0	0.0	0.0
Hospitality Management	6	66.7	33.3	0.0
Information Word Processing	3	66.7	33.3	0.0
Interior Merchandising	2	50.0	50.0	0.0
Interpreter Training	5	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	1	100.0	0.0	0.0
Medical Record Technology	3	33.3	66.7	0.0
Nursing *	29	96.6	3.4	0.0
Office Careers	7	71.4	28.6	0.0
Paralegal *	24	91.7	8.3	0.0
Physical Therapy Assistant	1	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	2	50.0	50.0	0.0
Recreational Leadership	2	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Totals	176	90.9%	9.1%	0.0%

* Not all employers chose to rate the JCCC completer on this variable.

Table 39
ANTICIPATED ANNUAL JOB OPENINGS AND WAGES

	Number of Employers	Anticipated Annual Openings	Average Hourly Wage
Accounting	1	1	\$ 9.62
Administration of Justice	4		
Patrol officers		6	8.65-13.27
Dispatcher		1	N/A
Automotive Technology	1	"Many"	N/A
Biomedical Equipment Technology	3		
Technicians		2	7.00
Parts manager		1	10.00
Business Administration	7		
Bank teller		2	7.00
New accounts representative		2	7.54
Deputy clerk		2	9.62
Chef Apprentice	3	"varies"	5.25
Commercial Art	5		
Production artist		2	9.14
Technical artist		1	10.58
Computer Systems Technology	9		
Field engineer		1	7.21- 8.65
Technician		4	7.69- 8.65
Electronic assembly		2	4.81- 6.73
Data Processing	13		
Junior programmer/analyst		4	12.55
Computer operator		1	9.62
Applications programmer I		5	9.38
Dental Hygiene	5	1	N/A
Dental assistant		1	N/A
Electronics Engineering Tech.	2	6	\$10.00
Emergency Medical Technology	8	10	7.00- 10.10
Equine Studies	3		
Veterinary assistant		2	4.50- 7.00

NOTE: Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

Table 39 (continued)
ANTICIPATED ANNUAL JOB OPENINGS AND WAGES

	Number of Employers	Anticipated Annual Openings	Average Hourly Wage
Fashion Merchandising Sales & service	4	76	\$4.50- 6.00
Fire Science	3		
Fire fighters		21	6.95-10.47
Fire inspectors		1	16.16
Fire captain		2	16.16
HVAC Technology	2	1	9.00
Hospitality Management	6		
Misc. kitchen & restaurant help		2	4.25- 7.00
Manager trainees		4	5.63
Assistant managers		4	5.63
Store managers		2	7.12- 8.65
Information Word Processing	3	2	7.00- 7.50
Interior Merchandising	2	2	N/A
Interpreter Training	4	7	6.48-18.50
Marketing & Management	1	N/A	N/A
Medical Record Technology	3	N/A	N/A
M.I.C.T. (Paramedic)	4	10	9.62-12.50
Nursing	12	30	10.96-17.00
Office Careers	7	6	6.50- 8.65
Paralegal	21	7	8.41- 9.62
Physical Therapy Assistant	1	1	N/A
Radiologic Technology	2	4	9.62-11.34
Recreational Leadership	1		
Special activities instructor		2	9.00-12.00
Recreation leaders I,II,III		7	4.75- 6.25
Building supervisors		5	4.75- 6.25
Respiratory Therapy	3	8	8.00-16.00

NOTE: Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

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APPENDIX A

JOHNSON COUNTY COMMUNITY COLLEGE
SHORT-TERM FOLLOW-UP STUDY OF
1989-90 CAREER PROGRAM COMPLETERS

(AFFIX LABEL HERE)

Johnson County Community College is most interested in your experiences both while a student in one of the JCCC career programs and since leaving with marketable skills. JCCC is also required by state law to conduct a follow-up of all career program completers. Please answer each of the following questions as honestly and accurately as possible and return the completed survey to us in the envelope provided. All responses will be kept strictly confidential and reported as group data only.

NOTE: If you did not complete a JCCC career program by either graduating, earning a certificate, or leaving with marketable skills during summer of 1989, fall of 1989, or spring of 1990, or if you are still enrolled in the same program, please check here and return the uncompleted survey to us so our records can be updated. Thank you.

1. Which career program were you enrolled in at JCCC? _____

2. Which of the following best describes your current status? (Check only one)
 - ☐ 1. Earned an associate's degree
 - ☐ 2. Earned a vocational certificate
 - ☐ 3. Left with enough training to work in this career field
3. How many semesters were you enrolled in this program at JCCC? _____
4. How many total credit hours have you completed at JCCC? _____
5. Which of the following best describes your primary educational objective when you first enrolled at JCCC? (Check only one)

☐ 1. Transfer to another college or university ☐ 2. Prepare to enter the job market ☐ 3. Improve skills for your present job ☐ 4. Explore courses to decide on a new career ☐ 5. Remedy or review basic skills	☐ 6. Study topics of interest or for self-improvement ☐ 7. Prepare to change careers ☐ 8. Other (please specify) _____
---	---
6. Did you change this educational objective while a student at JCCC?
 - ☐ 1. Yes, changed objective to _____
 - ☐ 2. No
7. Did you achieve your JCCC educational objective?
 - ☐ 1. Yes, completely
 - ☐ 2. Yes, partially
 - ☐ 3. No (If no, briefly explain reason) _____
8. If yes, did JCCC help you to achieve this educational objective?
 - ☐ 1. Yes
 - ☐ 2. Unsure
 - ☐ 3. No (Please explain) _____
9. Regardless of the financial benefits, do you feel your JCCC experiences have improved the quality of your life?
 - ☐ 1. Definitely yes
 - ☐ 2. Probably yes
 - ☐ 3. Uncertain
 - ☐ 4. Probably no
 - ☐ 5. Definitely no
10. If you could go back, knowing what you know now, would you still attend JCCC?
 - ☐ 1. Definitely yes
 - ☐ 2. Probably yes
 - ☐ 3. Uncertain
 - ☐ 4. Probably no
 - ☐ 5. Definitely no
11. Would you recommend attending JCCC to your friends and acquaintances?
 - ☐ 1. Yes
 - ☐ 2. Unsure
 - ☐ 3. No
12. Would you encourage your children to attend JCCC?
 - ☐ 1. Yes
 - ☐ 2. Unsure
 - ☐ 3. No

13. People have different reasons for attending college--career training, personal growth, intellectual development, and so on. Please rate each of the following with regard to how much you agree that JCCC should have helped you with this, and how much you agree that your experiences at JCCC actually helped accomplish it, based on the following scale (Circle one response for each). Skip those items which are not applicable to you.

1 = Strongly disagree 4 = Agree
2 = Disagree 5 = Strongly agree
3 = Neutral

	JCCC Should Have Done This					JCCC Affected Me This Way				
A. Broadened my knowledge of the arts and sciences	1	2	3	4	5	1	2	3	4	5
B. Improved my ability to communicate orally	1	2	3	4	5	1	2	3	4	5
C. Improved my ability to communicate in writing	1	2	3	4	5	1	2	3	4	5
D. Improved my ability to make good decisions	1	2	3	4	5	1	2	3	4	5
E. Improved my ability to make constructive use of time	1	2	3	4	5	1	2	3	4	5
F. Enhanced my ability to get along with others	1	2	3	4	5	1	2	3	4	5
G. Expanded my tolerance for people and ideas	1	2	3	4	5	1	2	3	4	5
H. Assisted me in clarifying the values and goals of my life	1	2	3	4	5	1	2	3	4	5
I. Enhanced my self-confidence	1	2	3	4	5	1	2	3	4	5

14. How are you currently using the skills you developed through your JCCC career program?

☐ 1. In my job
☐ 2. Doing volunteer work
☐ 3. Not using my skills (please explain)
☐ 4. Other (please specify)

15. Have you ever used the JCCC Career Planning and Placement Center?

☐ 1. Yes
☐ 2. No (If no, why not?)

16. Which of the following best describes your current employment situation?

☐ 1. Full-time military
☐ 2. Employed part-time (under 30 hours per week)
☐ 3. Employed full-time (30+ hours per week)
☐ 4. Unemployed; actively looking for work
☐ 5. Not in labor force (not employed and not actively looking for a job)

IF UNEMPLOYED OR OUT OF THE LABOR FORCE--SKIP TO QUESTION 29

17. How long have you had your present job? _____
18. What is your current job title? _____
19. What is your average hourly wage? _____
20. How would you describe your job in terms of the skills you developed at JCCC?
- ☐ 1. Directly related to skills developed in the JCCC career program
☐ 2. Somewhat related to skills developed in the JCCC career program
☐ 3. Not at all related to skills developed in the JCCC career program
21. Is your current job the first one you have had in this career field?
- ☐ 1. Yes
☐ 2. No

22. Were you employed in this job before enrolling in the JCCC career program?

- ☐ 1. Yes (If yes, skip to question 26)
☐ 2. No

23. Did any of the following help you to find your job? (Check all that apply)

- ☐ 1. JCCC career program administrators and/or instructors
☐ 2. JCCC instruction or workshops on resume writing, interviewing skills, etc.
☐ 3. JCCC job placement services
☐ 4. Other job placement services
☐ 5. Family and/or friends
☐ 6. No help--got the job myself
☐ 7. Other (please specify)

24. After completing the program, how long did you actively seek employment prior to obtaining your first job in this career field?

25. During that time, how many interviews did you have? _____

26. How satisfied are you with your present job?

- ☐ 1. Very dissatisfied
☐ 2. Somewhat dissatisfied
☐ 3. Neutral
☐ 4. Somewhat satisfied
☐ 5. Very satisfied

27. Please rate each of the following characteristics of your current job by circling the number most closely reflecting your opinion.

	Poor	Fair	Average	Good	Excellent	Don't Know
A. Working conditions	1	2	3	4	5	9
B. Amount of responsibility	1	2	3	4	5	9
C. Advancement potential	1	2	3	4	5	9
D. Salary	1	2	3	4	5	9
E. Job in general	1	2	3	4	5	9

28. We would like to contact your employer to obtain some information needed for the State Department of Education report on career program completers. Please indicate the name and address of your employer in the space provided.

Name of company _____

Address _____

(Zip) _____

Person familiar with your work _____

29. Are you currently enrolled in any classes or participating in any training?

- ☐ 1. Yes (Where?) _____
☐ 2. No

30. Do you plan to enroll in any classes or training within the next year?

- ☐ 1. Yes (Where?) _____
☐ 2. Unsure
☐ 3. No

31. What is your current primary educational objective? (Check only one)

- ☐ 1. Transfer to another college or university
☐ 2. Prepare for graduate school
☐ 3. Prepare to enter the job market
☐ 4. Improve skills for your present job
☐ 5. Explore courses to decide on a new career
☐ 6. Remedy or review basic skills
☐ 7. Study topics of interest or for self-improvement
☐ 8. Prepare to change careers
☐ 9. No plans for more education
☐ 10. Other (please specify)

32. Please describe your JCCC grades (check only one):

- ☐ 1. Mostly A's
☐ 2. Mostly A's and B's
☐ 3. Mostly B's
☐ 4. Mostly B's and C's

- ☐ 5. Mostly C's
☐ 6. Mostly C's and D's
☐ 7. Mostly D's
☐ 8. Mostly F's

33. Based on your own personal experiences, please indicate your level of satisfaction with each of the following aspects of JCCC by circling the number most closely reflecting your opinion based on the following scale. If you have also attended a 4-year college or university, also indicate your level of satisfaction with each of these aspects of the 4-year school you attended. Skip those items which are not applicable to you.

- 1 = Very dissatisfied 4 = Somewhat satisfied
 2 = Somewhat dissatisfied 5 = Very satisfied
 3 = Neutral

	AT JCCC					AT 4-YEAR SCHOOL*				
	1	2	3	4	5	1	2	3	4	5
A. Academic advisement/counseling										
B. Availability of scholarships and financial aid										
C. Registration process										
D. Convenience of class scheduling										
E. Variety of courses										
F. Helpfulness/individual attention of faculty										
G. Content of courses										
H. Quality of instruction										
I. Usefulness or relevance of training to your current job										
J. Career/transfer preparation										
K. Job placement services										
L. Facilities and equipment										

* What 4-year school did you attend?

34. What would you say were the primary strengths and/or weaknesses of the career program you completed? (Attach additional pages if necessary)

35. If you could name one faculty or staff member who had the greatest impact on you at JCCC, who would it be?

Why did you select this person?

36. What is your race?

- ☐ 1. American Indian/Alaskan
☐ 2. Hispanic
☐ 3. Asian/Pacific Islander
☐ 4. Black
☐ 5. White/Other

37. What is your marital status?

- ☐ 1. Single/never married
☐ 2. Married now
☐ 3. Previously married (separated, divorced or widowed)

38. What is your sex? ☐ 1. Male ☐ 2. Female

39. What is your age? _____

40. Which of the following best describes your annual family income?

- ☐ 1. Under \$20,000
☐ 2. \$20,000 to \$40,000
☐ 3. \$40,001 to \$60,000
☐ 4. \$60,001 to \$80,000
☐ 5. \$80,001 to \$100,000
☐ 6. Over \$100,000

Any comments or suggestions you would like to make about JCCC or the career program you completed which would help us in meeting the needs of future JCCC students would be appreciated. Thank you for your help. (Attach additional pages)

JCCC RESPIRATORY THERAPY PROGRAM COMPLETERS ONLY--Please respond to each of the following questions pertaining to your career in respiratory therapy and return this page with your completed First Year Follow-up Survey of Career Program Completers. Thank you!

A. Which of the following titles best describes your current position? (Check only one)

- ☐ 1. Technical director or assistant technical director
- ☐ 2. Lead or shift supervisor
- ☐ 3. Pulmonary function practitioner
- ☐ 4. Instructor/educator
- ☐ 5. Staff technician/therapist
- ☐ 6. Rehab/home care coordinator or practitioner
- ☐ 7. DME and/or medical sales
- ☐ 8. Other (please specify)

B. Have you taken the NBRC entry level examination?

☐ 1. Yes

☐ 2. No

If yes, how many attempts have you made at the entry level examination?

- ☐ 1. One
- ☐ 2. Two
- ☐ 3. Three
- ☐ 4. Four or more

If no, when do you plan to take the NBRC examination?

- ☐ 1. March
- ☐ 2. July
- ☐ 3. November
- ☐ 4. Undecided
- ☐ 5. Never

Did you pass or fail?

- ☐ 1. Passed
- ☐ 2. Failed

Briefly explain why you haven't taken the NBRC examination yet:

C. Which of the following respiratory therapy related continuing education activities have you participated in since graduating? (Check all that apply)

- ☐ 1. Departmental inservice
- ☐ 2. Nationally sponsored seminars and meetings
- ☐ 3. State society sponsored seminars and meetings
- ☐ 4. Locally sponsored seminars and meetings
- ☐ 5. American Lung Association activities
- ☐ 6. Independent study
- ☐ 7. None
- ☐ 8. Other (please specify)

D. To which professional organizations do you belong? (Check all that apply)

- ☐ 1. American Association for Respiratory Care (AARC)
- ☐ 2. Kansas Respiratory Care Society (KRCS)
- ☐ 3. Missouri Society for Respiratory Care (MSRC)
- ☐ 4. None
- ☐ 5. Other (please specify)

APPENDIX B

November 19, 1990

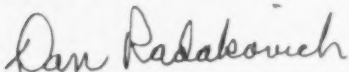
Dear JCCC Career Program Completer:

As part of Johnson County Community College's continuing commitment to improving its programs and services, we are surveying former students who completed a JCCC career program during summer of 1989, fall of 1989, or spring of 1990. This includes graduates, students earning certificates, and students who have completed sufficient coursework to acquire new skills or upgrade their current ones. We are required by federal and state law to conduct this follow-up study but, in addition, we are most interested in your evaluation of the education you received here at JCCC and how you are using the skills you developed in your career program.

Please take a few minutes to answer each of the questions on the enclosed survey as completely and accurately as possible and return the completed survey to us in the postage-paid envelope provided by December 3. Naturally your responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have which will assist us in meeting the needs of future JCCC students.

Sincerely,



Dan Radakovich
Vice President for Academic Affairs

Enclosures

December 10, 1990

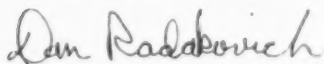
Dear Career Program Completer:

A few weeks ago we sent you a survey requesting information about your perceptions and opinions of the education you received here at JCCC and how you are using the skills you developed in your career program. If you have already completed the survey, thank you very much. Your responses will help us in planning to meet the needs of future JCCC students like yourself.

In the event you have not as yet completed the survey and returned it to us, we are enclosing a second copy. Please take a few minutes to answer each of the questions as completely and accurately as possible. A postage-paid business reply envelope has been provided for your convenience in returning the completed survey to us by December 24. Naturally all responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have. Every good wish for a joyous holiday season and a most happy, healthy and prosperous 1991!

Sincerely,



Dan Radakovich
Vice President for Academic Affairs

Enclosures

January 15, 1991

Dear Career Program Completer:

Last week we attempted to reach you by telephone to learn more about your perceptions and opinions of the education you received here at JCCC and how you are using the skills you developed in your career program. This information will be used for planning and decision making at JCCC, and to comply with federal and state reporting requirements for all programs receiving vocational funding. Since our attempts to reach you were unsuccessful, we are enclosing a mail survey and would appreciate your returning it to us as soon as possible.

Please take a few minutes now to answer each of the questions as completely and accurately as you can. A postage-paid business reply envelope has been provided for your convenience in returning the completed survey to us. Naturally all responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have which will aid us in meeting the needs of future students. If you have any questions about this survey, or would prefer a telephone interview, please give me a call at (913) 469-8500, ext. 3443.

Sincerely,



Karen A. Conklin, Ed.S
Market & Survey Research Analyst
Office of Institutional Research

Enclosures

APPENDIX C

JOHNSON COUNTY COMMUNITY COLLEGE EMPLOYER EVALUATION OF CAREER PROGRAM COMPLETERS

JCCC is required by state law to conduct a follow-up study of all JCCC career program completers, and a part of this follow-up study involves collecting data from employers of these former students. Please ask a supervisor familiar with the work of the person listed below to complete and return this survey in the envelope provided as soon as possible. All responses will be kept strictly confidential. Thank you.

Employee _____

Social Security No. _____

JCCC Career Program _____

Directions: Please answer each of the following questions as completely and honestly as possible, bearing in mind that you are evaluating this employee's training and preparation as reflected in job performance, work habits, and other work-related characteristics.

1. How would you rate this employee in each of the following areas? (Circle the response most closely reflecting your opinion)

	Very Good	Good	Neutral	Poor	Very Poor
A. Job-related conceptual knowledge	5	4	3	2	1
B. Job-related technical knowledge	5	4	3	2	1
C. Attitude toward work (professionalism)	5	4	3	2	1
D. Quality of work	5	4	3	2	1
E. Communications and interpersonal skills	5	4	3	2	1
F. OVERALL JOB PREPARATION	5	4	3	2	1

2. What is this employee's current hourly wage? _____

3. In what areas do you feel employees from this JCCC career program are best prepared?

4. In which areas do you feel additional preparation would be helpful?

5. Do you have any specific suggestions for improvements in the curriculum or instruction of the JCCC career program that trained your employee?

6. Do you anticipate hiring additional or replacement employees in areas related to this career program in the next 3 to 5 years?

1. No
2. Yes (If yes, please list the number and types of positions which may become available in this career field)

<u>Job Type and Title</u>	<u>Annual Openings</u>	<u>Anticipated Salary</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

7. Company name: _____

8. Your job title: _____

9. Total number of employees: _____

10. Total employees within this division/department: _____

Thank you for your cooperation. Please return the completed survey in the envelope provided. Questions or comments about this study may be directed to:

Office of Institutional Research
Johnson County Community College
12345 College at Quivira
Overland Park, KS 66210-1299
(913) 469-8500, ext. 3443

APPENDIX D

January 14, 1991

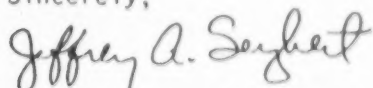
Dear Employer:

Each year we are required by state law to conduct follow-up studies to evaluate the effectiveness of the career programs at Johnson County Community College. In our opinion, one of the most important evaluations comes from the employers who hire these former students.

The individual whose name appears on the enclosed survey is a former student of a career program at JCCC who indicated he/she is now working for you. We would very much appreciate your taking a few minutes to give us your opinions, suggestions, and comments about the preparation this employee received based on your experience with him/her. Please return the completed survey to us in the enclosed postage-paid business reply envelope by January 25. Naturally all responses will be kept strictly confidential and reported as group data only.

If you have any questions or comments about this study, please give us a call at 469-8500, ext. 3443. Thank you for your cooperation.

Sincerely,



Jeffrey A. Seybert, Director
Research, Evaluation and Instructional Development

Enclosures

January 28, 1991

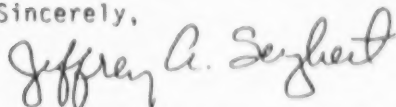
Dear Employer:

A couple of weeks ago we wrote asking you to evaluate a former JCCC student who is now working for you. Our records indicate we have not yet received your completed survey.

In addition to being most interested in your evaluation of the student who is now your employee, we look forward to hearing your views of the JCCC training program your employee completed. Any suggestions you have to help us improve our programs and services to better meet the needs of future employers of JCCC career program completers are always most welcome.

If you have already mailed your completed survey, just ignore this reminder. However, in the event the form was misplaced, we are enclosing a second copy together with another preaddressed stamped envelope for your convenience in returning the completed survey to us. We would appreciate receiving it by February 8 if at all possible to allow sufficient time to submit the required state report on JCCC career program completers. Thank you for your help.

Sincerely,



Jeffrey A. Seybert, Director
Research, Evaluation and Instructional Development

Enclosures